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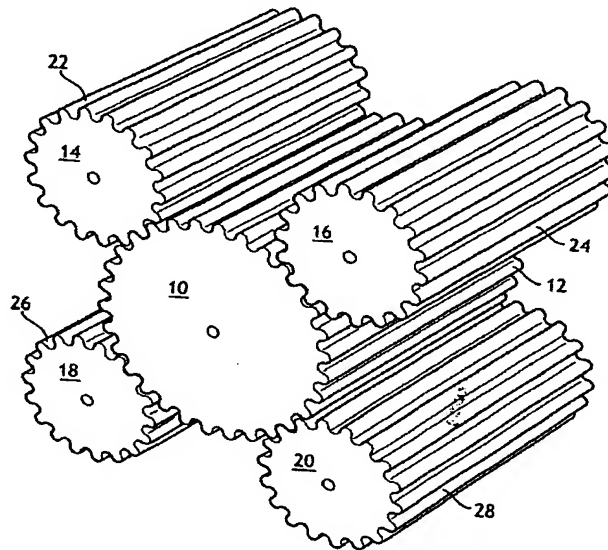
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(54) Title: DEVICE AND PROCESS FOR TREATING FLEXIBLE WEB BY STRETCHING BETWEEN INTERMESHING FORMING SURFACES



(57) Abstract: A series of nips (200, 202, 204, 412, 414) formed by intermeshing grooves (22, 24, 26, 28) provides for a higher degree of stretch, particularly for lightweight webs (100) by stretching in stages in multiple grooved nips. The ability to adjust the degree of stretch at each nip can provide a high degree and variability of stretch with reduced web damage compared to a single step application of the same stretch. Improvements to the manufacture of lightweight components of personal care products such as diaper backing components are obtained.

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